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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/721,944	11/25/2003	Jack Darrin Oates	60130-1909;03MRA0457	60130-1909;03MRA0457 6899		
26096	7590 09/08/2004		EXAM	EXAMINER		
CARLSON, GASKEY & OLDS, P.C.			PEAVEY, ENOCH E			
400 WEST M	APLE ROAD					
SUITE 350			ART UNIT	PAPER NUMBER		
BIRMINGHAM, MI 48009			3676			

DATE MAILED: 09/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Examiner		Application No.	Applicant(s)					
Examiner								
Period for Reply A SHORTENED STATUTORY PERIOD FOR REDLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MINIOD DATE OF THIS COMMUNICATION. Editeducine of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a riply be timely filled steff SIX (s) MONTHS ten the maining date of this communication. If the period for riply specified above is lates than they (50) days, a rely within the statutory minimum of thinly (30) days will be considered timely. If the period for riply specified above is lates than they (50) days, a rely within the statutory minimum of thinly (30) days will be considered timely. If the period for riply specified above is lates than they (50) days, a rely within the statutory minimum of thinly (30) days will be considered timely. Failur to reply within the state created period for regly with the state communication. If the period for riply specified above is lates than they (50) days, a rely within the statutory minimum of thinly (30) days will be considered timely. Failur to reply within the state created period for regly with the state cannow and the specification. Failur to reply within the state created period for regly within the state communication, even if timely filed, may reduce any starting date of this communication, even if timely filed, may reduce any starting date of this communication, even if timely filed, may reduce any starting date of this communication. Status I) Expensive the profiled to a profiled on 25 November 2003. Status 1) Expensive to control the starting date of this communication, even if timely filed, may reduce any starting date of this communication. Application of Claims A) Claim(s) 1-13 Is/are pending in the application. 4) Claim(s) 1-13 Is/are pending in the application. 4) Claim(s) 1-13 Is/are pending in the application. 4) Claim(s) 1-13 Is/are pending in the application and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are pending	Office Action Summary	Examiner						
The MALING DATE of this communication appears on the cover sheet with the correspondence address—Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 02 MONTH(S) FROM THE MALING DATE OF THIS COMMUNICATION. Extensions of time may be sevalished used the provisions of 3 CFR 1.730(a). In no event, however, may a reply be timely filled. If the period for reply specified above is less tam thisty (01) days, a reply within the statutory minimum of thisty (01) days will be considered timely. If the period for reply specified above is less tam thisty (01) days, a reply within the statutory minimum of thisty (01) days will be considered timely. If the period for reply specified above is less tam thisty (01) days, a reply within the statutory minimum of thisty (01) days will be considered timely. If the period for reply specified above is less tam thisty (01) days, a reply within the statutory minimum of thisty (01) days will be considered timely. If the period for reply specified above is less than thisty (01) days, and the period of the communication of the period can be communicated to the communication of the period of the communication is period of the communication of the period of the communication of the period of the communication of the period of the above claim(s)		Enoch E Peavev						
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THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provision of 37 CPR 1.13(6). In no event, however, may a reply be timely filed after SIX (6) MCNTRS from the mailing date of this communication. It no provides to the provision of the provis	Period for Reply							
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a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) Notice of Informal Patent Application (PTO-152)	Priority under 35 U.S.C. § 119							
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DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-13 are rejected under 35 U.S.C. 102(b) as being anticipated by McKinven, U.S. No. 3,363,911 ("Mckinven").

A seal assembly (Fig. 7) comprising a rotating portion comprising a running sleeve segment (99) located generally parallel to an axis (Fig. 7).

A fixed portion comprising a seal mounting segment (96) generally transverse to the axis. There is a seal mounted to the seal mounting segment (97), the segment in contact with the running sleeve (99).

The rotation portion further comprising a slinger segment (98) extended generally transverse the axis.

The slinger segment comprises a slinger segment end raked with a direction of airflow (Fig. 7).

The slinger radially extends around the fixed portion.

The rotating portion further comprises an upper seal segment (100) in contact with the seal.

The upper seal segment is U-shaped in cross-section. The upper seal segment is generally parallel to the running sleeve segment (Fig. 7).

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Enoch E Peavey whose telephone number is 305 1977. The examiner can normally be reached on Mon-Fri 8:00 am to 4:30 am.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Anthony Knight can be reached on (703) 308- 3179. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Enoch Peavey

September 04